

IN THE CLAIMS:

Please amend the claims as follows. The claims are in the format as required by 35 C.F.R. § 1.121.

1. (Currently Amended) A system comprising:
  - an interface to an IP network;
  - an interface to one or more target devices;
  - a processor coupled to the interfaces; and
  - a memory;

wherein the processor is configured

  - to maintain in the memory a mapping of users that are connected to the IP network to the one or more target devices,
  - to access the mapping according to login information corresponding to the users, the login information comprising a username and a corresponding password associated with each user, and
  - to enable access from the users to the one or more target devices according to the mapping; and

wherein communications between the users and the processor comprise NDMP communications.
2. (Original) The system of claim 1,

wherein the system comprises a router configured to be coupled between an IP network and a SCSI bus,

wherein the router is configured

  - to maintain one or more access control tables, wherein each table identifies one or more tape servers,
  - to enable access to the access control tables according to the login information corresponding to the users
  - to associate each user with one of the tables, and
  - to enable each user to access the one or more tape servers identified in the table associated with the user.

3. (Original) The system of claim 1, wherein the mapping comprises one or more tables, wherein each table is associated with one or more users and wherein each of the associated users is mapped to a set of the one or more target devices listed in the table.
4. (Canceled) ~~The system of claim 1, wherein the login information comprises a username associated with the user.~~
5. (Canceled) ~~The system of claim 1, wherein the login information comprises a username and a corresponding password associated with the user.~~
6. (Original) The system of claim 1, wherein the target devices comprise storage devices.
7. (Original) The system of claim 1, wherein the target devices comprise tape drives.
8. (Original) The system of claim 1, wherein the target devices comprise SCSI devices.
9. (Canceled) ~~The system of claim 1, wherein communications between the users and the processor comprise NDMP communications.~~
10. (Original) The system of claim 1, wherein the system comprises a router.
11. (Original) The system of claim 1, wherein the interface to the one or more target devices comprises an interface to a non-IP network to which the target devices are connected.
12. (Original) The system of claim 1, further comprising a management station configured to enable access to the mapping.
13. (Currently Amended) A method comprising:  
maintaining a mapping of users that are connected to an IP network to one or more target devices;  
accessing the mapping according to login information corresponding to one or more users, the login information comprising a username and a corresponding password associated with each user; and

enabling access from the one or more users to the one or more target devices according to the mapping; and  
communicating with the users via NDMP communications.

14. (Currently Amended) The method of claim 13,  
wherein the mapping is maintained in a router that is located between the IP network and a transport medium to which the target devices are connected;  
wherein the mapping comprises one or more tables, each identifying a set of target devices and a set of users that are authorized to access the identified set of target devices; and  
~~wherein the login information for each user comprises a username and corresponding password; and~~  
wherein enabling access from each user comprises examining one of the tables that is associated with the user, determining whether one of the set of target devices is identified in the table associated with the user, and directing the user to access the one of the set of target devices.
15. (Original) The method of claim 13, further comprising interfacing with the IP network.
16. (Canceled) ~~The method of claim 13, further comprising communicating with the users via NDMP communications.~~
17. (Canceled) ~~The method of claim 13, wherein accessing the mapping according to login information corresponding to one or more users comprises associating a username with each user.~~
18. (Canceled) ~~The method of claim 13, wherein accessing the mapping according to login information corresponding to one or more users comprises associating a username and password with each user.~~
19. (Original) The method of claim 13, wherein maintaining the mapping comprises maintaining one or more tables, wherein each table is associated with one or more users and wherein each of the associated users is mapped to a set of the one or more target devices listed in the table.

20. (Original) The method of claim 13, wherein maintaining the mapping further comprises a system administrator creating the one or more tables and storing the one or more tables in a memory.

21. (Canceled) ~~The method of claim 13, wherein access to the mapping is enabled according to usernames and passwords corresponding to the one or more users.~~

22. (Original) The method of claim 13, wherein the target devices are connected to a non-IP network and wherein the method further comprises interfacing with the non-IP network.

23. (Original) The method of claim 13, wherein the non-IP network comprises a SCSI bus.

24. (Original) The method of claim 13, wherein enabling access from the users to the one or more target devices comprises directing at least one of the one or more users to backup data to a target device which is identified in a table associated with the at least one user.